

ABSTRACT

A refrigerator includes a housing including a cooling compartment and a machine compartment, a refrigeration cycle provided in the housing and including a compressor, a condenser, a decompressor, and an evaporator which provide a refrigerant path, a refrigerant provided in the refrigeration cycle and flowing in the refrigerant path, and a blower for cooling the condenser. The condenser includes a pipe and a fin mounted on the pipe. The pipe is formed to have a helical shape with gaps. The helical shape has an inner space, a first opening, and a second opening opposite to the first opening. The inner space has a substantially cylindrical shape between the first opening and the second opening. The first opening faces the blower. A flow resistance between the second opening and the inner space is larger than a flow resistance between the gaps of the helical shape and the inner space. The refrigerator prevents the pipe of the condenser from being broken, accordingly preventing leakage of the refrigerant due to the breaking.